

(b) (4)

EPA FACILITY ID: Ramsey Gas Plant
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Section 1. Registration Information

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1.1 Source Identification	
1.1.a. Facility Name	Ramsey Gas Plant
1.1.b. Parent Company #1 Name	Western Gas Partners, LP
1.1.c. Parent Company #2 Name	
1.2 EPA Facility Identifier	100000218551
1.3 Other EPA Systems Facility Identifier	
1.4 Dun and Bradstreet Numbers (DUNS)	
1.4.a. Facility DUNS	
1.4.b. Parent Company #1 DUNS	
1.4.c. Parent Company #2 DUNS	
1.5 Facility Location	
1.5.a. Street - Line 1	Highway 285 North
1.5.b. Street - Line 2	9.5 miles North of Orla
1.5.c. City	Orla
1.5.d. State	TX
1.5.e. Zip Code - Zip +4 Code	79770
1.5.f. County	REEVES
1.5.g. Facility Latitude (in decimal degrees)	31.926150
1.5.h. Facility Longitude (in decimal degrees)	-104.022105
1.5.i. Method for determining Lat/Long	GPS - Unspecified
1.5.j. Description of location identified by Lat/Long	Center of Facility
1.5.k. Horizontal Accuracy Measure (meters)	3.0
1.5.l. Horizontal Reference Datum Code	North American Datum of 1983
1.5.m. Source Map Scale Number	
1.6 Owner or Operator	
1.6.a. Name	Delaware Basin Midsream, LLC
1.6.b. Phone	(832) 636-1000
1.6.c. Street - Line 1	1201 Lake Robbins Drive
1.6.d. Street - Line 2	
1.6.e. City	The Woodlands
1.6.f. State	TX
1.6.g. Zip Code - Zip +4 Code	77380-3122
Foreign Country	
Foreign State/Province	
Foreign Zip/Postal Code	
1.7 Name, title and email address of person or position responsible for RMP (part 68) implementation	
1.7.a. Name of person	Don Sinclair
1.7.b. Title of person or position	Senior VP
1.7.c. Email address of person or position	

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Section 1. Registration Information

1.8 Emergency Contact	
1.8.a. Name	Jay Westre
1.8.b. Title of person or position	Midstream Operations Manager
1.8.c. Phone	(432) 248-3743
1.8.d. 24-Hour Phone	(432) 368-2724
1.8.e. 24-Hour Phone Extension/PIN #	
1.8.f. Email address for emergency contact	jay.westre@anadarko.com

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1.12 Covered by	
1.12.a. OSHA PSM	Y
1.12.b. EPCRA section 302	
1.12.c. CAA Title V Air Operating Permit Program	Y
1.12.d. Air Operating Permit ID #	RN100228899

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1.14 Last Safety Inspection (by an External Agency) Date	02/04/2015
1.15 Last Safety Inspection Performed by an External Agency	OSHA

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Section 1. Registration Information

Section 1.17 Process Specific Information

Process 1

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1.17.a. Program Level	3
1.17.b. NAICS Code(s)	
	211112 (Natural Gas Liquid Extraction)

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Section 4.

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Scenario 1

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4.2 Model Used

EPA's RMP*Comp(TM)

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4.6 Distance to endpoint (miles)

0.6

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4.8 Public receptors within distance to endpoint

4.8.a. Schools

4.8.b. Residences

4.8.c. Hospitals

4.8.d. Prison/Correctional Facilities

4.8.e. Recreational Areas

4.8.f. Major commercial, office or industrial areas

Y

4.8.g. Other

4.9 Environmental receptors within distance to endpoint

4.9.a. National or State Parks, Forests or Monuments

4.9.b. Officially Designated Wildlife Sanctuaries, Preserves or Refuges

4.9.c. Federal Wilderness Area

4.9.d. Other

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Section 5.

(b) (4)

Scenario 1

Process Name	(b) (4)
Chemical	(b) (4)
5.1.a. Chemical Name	(b) (4)
5.2 Model Used	EPA's RMP*Comp(TM)
(b) (4)	
5.6 Distance to endpoint (miles)	0.1
(b) (4)	
5.8 Public receptors within distance to endpoint	
5.8.a. Schools	
5.8.b. Residences	
5.8.c. Hospitals	
5.8.d. Prison/Correctional Facilities	
5.8.e. Recreational Areas	
5.8.f. Major commercial, office or industrial areas	Y
5.8.g. Other	
5.9 Environmental receptors within distance to endpoint	
5.9.a. National or State Parks, Forests or Monuments	
5.9.b. Officially Designated Wildlife Sanctuaries, Preserves or Refuges	
5.9.c. Federal Wilderness Area	
5.9.d. Other	
(b) (4)	

Section 6. Five-Year Accident History

Accident 1

6.1 Date of accident		11/30/2013		
6.2 Time accident began		11:05 PM		
6.3 NAICS Code of process involved		21111 (Oil and Gas Extraction)		
6.4 Release duration		0 Hours 50 Mins		
6.5 Chemicals involved				
	Chemical Name	CAS Number	Quantity released (lbs)	Percent weight of chemical
	Methane	74-82-8	32	
6.6 Release Event				
6.6.a. Gas release		Y		
6.6.b. Liquid spills/evaporation				
6.6.c. Fire		Y		
6.6.d. Explosion				
6.6.e. Uncontrolled/Runaway reaction				
6.7 Release Source				
6.7.a. Storage vessel				
6.7.b. Piping				
6.7.c. Process vessel				
6.7.d. Transfer hose				
6.7.e. Valve				
6.7.f. Pump				
6.7.g. Joint				
6.7.h. Other		stainless tubing		
6.8 Weather conditions at time of event				
6.8.a. Wind speed and direction		5 miles/hr NW		
6.8.b. Temperature (F)		47		
6.8.c. Atmospheric stability class				
6.8.d. Precipitation present				
6.8.e. Unknown weather conditions				
6.9 On-site Impacts				
	Employees or contractors	Public responders	Public	
6.9.a. Deaths	0	0	0	
6.9.b. Injuries	0	0	0	
6.9.c. Property damage (\$)	100000			
6.10 Known off-site impacts				
6.10.a. Deaths		0		
6.10.b. Hospitalizations		0		
6.10.c. Other medical treatments		0		
6.10.d. Evacuated		0		
6.10.e. Sheltered-in-place		0		
6.10.f. Property damage (\$)		0		

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Section 6. Five-Year Accident History

6.10.g. Environmental damage	
6.10.g.1. Fish or animal kills	
6.10.g.2. Tree, lawn, shrub or crop damage	
6.10.g.3. Water contamination	
6.10.g.4. Soil contamination	
6.10.g.5. Other	
6.11 Initiating event	Equipment failure
6.12 Contributing factors	
6.12.a. Equipment failure	Y
6.12.b. Human error	
6.12.c. Improper procedures	
6.12.d. Overpressurization	
6.12.e. Upset condition	
6.12.f. By-pass condition	
6.12.g. Maintenance activity/inactivity	
6.12.h. Process design failure	
6.12.i. Unsuitable equipment	
6.12.j. Unusual weather conditions	
6.12.k. Management error	
6.12.l. Other	
6.13 Off-site responders notified	Notified and Responded
6.14 Changes introduced as a result of the accident	
6.14.a. Improved/upgraded equipment	
6.14.b. Revised maintenance	Y
6.14.c. Revised training	
6.14.d. Revised operating procedures	
6.14.e. New process controls	
6.14.f. New mitigation systems	
6.14.g. Revised emergency response plan	
6.14.h. Changed process	
6.14.i. Reduced inventory	
6.14.j. None	
6.14.k. Other	

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Section 6. Five-Year Accident History**Accident 2**

6.1 Date of accident	12/03/2015		
6.2 Time accident began	9:40 AM		
6.3 NAICS Code of process involved	211112 (Natural Gas Liquid Extraction)		
6.4 Release duration	96 Hours 0 Mins		
6.5 Chemicals involved			
	Chemical Name	CAS Number	Quantity released (lbs)
	Hydrogen sulfide	7783-06-4	1
	Methane	74-82-8	49033
	Ethane	74-84-0	13515
	Propane	74-98-6	9268
	Isobutane [Propane, 2-methyl]	75-28-5	1876
	Isopentane [Butane, 2-methyl-]	78-78-4	2221
6.6 Release Event			
6.6.a. Gas release	Y		
6.6.b. Liquid spills/evaporation	Y		
6.6.c. Fire	Y		
6.6.d. Explosion	Y		
6.6.e. Uncontrolled/Runaway reaction			
6.7 Release Source			
6.7.a. Storage vessel	Y		
6.7.b. Piping	Y		
6.7.c. Process vessel	Y		
6.7.d. Transfer hose			
6.7.e. Valve	Y		
6.7.f. Pump			
6.7.g. Joint			
6.7.h. Other			
6.8 Weather conditions at time of event			
6.8.a. Wind speed and direction	0.1 miles/hr E		
6.8.b. Temperature (F)	65		
6.8.c. Atmospheric stability class			
6.8.d. Precipitation present			
6.8.e. Unknown weather conditions			
6.9 On-site Impacts			
	Employees or contractors	Public responders	Public
6.9.a. Deaths	0	0	0
6.9.b. Injuries	5	0	0
6.9.c. Property damage (\$)	5000000		
6.10 Known off-site impacts			
6.10.a. Deaths	0		
6.10.b. Hospitalizations	0		
6.10.c. Other medical treatments	0		

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Section 6. Five-Year Accident History

6.10.d. Evacuated	10
6.10.e. Sheltered-in-place	0
6.10.f. Property damage (\$)	0
6.10.g. Environmental damage	
6.10.g.1. Fish or animal kills	
6.10.g.2. Tree, lawn, shrub or crop damage	
6.10.g.3. Water contamination	
6.10.g.4. Soil contamination	Y
6.10.g.5. Other	
6.11 Initiating event	Human error
6.12 Contributing factors	
6.12.a. Equipment failure	
6.12.b. Human error	
6.12.c. Improper procedures	Y
6.12.d. Overpressurization	Y
6.12.e. Upset condition	
6.12.f. By-pass condition	
6.12.g. Maintenance activity/inactivity	
6.12.h. Process design failure	
6.12.i. Unsuitable equipment	
6.12.j. Unusual weather conditions	
6.12.k. Management error	
6.12.l. Other	
6.13 Off-site responders notified	Notified and Responded
6.14 Changes introduced as a result of the accident	
6.14.a. Improved/upgraded equipment	Y
6.14.b. Revised maintenance	
6.14.c. Revised training	Y
6.14.d. Revised operating procedures	Y
6.14.e. New process controls	
6.14.f. New mitigation systems	
6.14.g. Revised emergency response plan	
6.14.h. Changed process	
6.14.i. Reduced inventory	
6.14.j. None	
6.14.k. Other	

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Section 7. Prevention Program: Program Level 3

Program 1

Prevention Program Description:

7.1. NAICS Code for process

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7.1.b. NAICS

211112 (Natural Gas Liquid Extraction)

7.2. Chemicals

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7.3. Date on which the safety information was last reviewed or revised

05/27/2016

7.4. Process Hazard Analysis (PHA)

7.4.a. Date of last PHA or PHA update

04/20/2016

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7.4.c. Expected or actual date of completion of all changes resulting from last PHA or PHA update

04/29/2016

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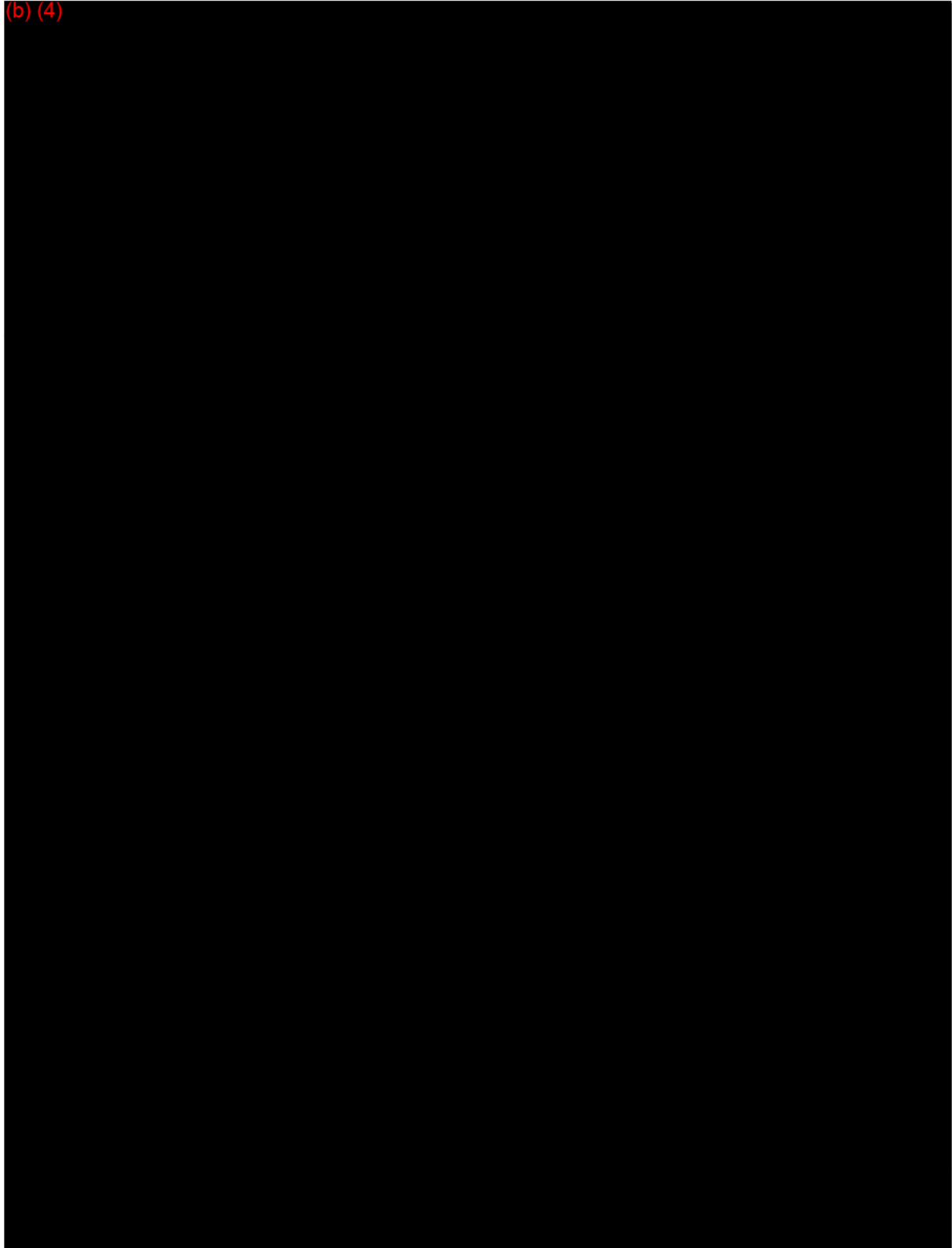
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Section 7. Prevention Program: Program Level 3

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7.5 Date of most recent review or revision of
operating procedures

04/14/2016

Section 7. Prevention Program: Program Level 3

7.6 Training	
7.6.a. Date of most recent review or revision of training programs	05/26/2016
7.6.b. Type of training provided	
7.6.b.1. Classroom	Y
7.6.b.2. On the job	Y
7.6.b.3. Other	
7.6.c. Type of competency testing used	
7.6.c.1. Written test	Y
7.6.c.2. Oral test	Y
7.6.c.3. Demonstration	
7.6.c.4. Observation	
7.6.c.5. Other	
7.7 Maintenance	
7.7.a. Date of most recent review or revision of maintenance procedures	05/09/2016
7.7.b. Date of most recent equipment inspection or test	05/23/2016
7.7.c. Equipment most recently inspected or tested (equipment list)	Pressure Safety Valves
7.8 Management of change	
7.8.a. Date of most recent changes that triggered management of change procedures	05/28/2016
7.8.b. Date of most recent review or revision of management of change procedures	06/30/2013
7.9 Date of most recent pre-startup review	05/27/2016
7.10 Compliance audits	
7.10.a. Date of most recent compliance audits	01/28/2016
7.10.b. Expected or actual date of completion of all changes resulting from the most recent compliance audits	11/15/2016
7.11 Incident investigation	
7.11.a. Date of most recent incident investigation	05/20/2016
7.11.b. Expected or actual date of completion of all changes resulting from the incident investigation	06/01/2016
7.12 Date of most recent review or revision of employee participation plans	06/30/2013
7.13 Date of most recent review or revision of hot work permit procedures	04/25/2016
7.14 Date of most recent review or revision of contractor safety procedures	06/30/2013
7.15 Date of most recent evaluation of contractor safety performance	05/27/2016

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Section 9. Emergency Response

9.1 Written emergency response (ER) plan	
9.1.a. Is your facility included in the written community emergency response plan?	Y
9.1.b. Does your facility have its own written emergency response plan?	Y
9.2 Does your facility's ER plan include specific actions to be taken in response to accidental releases of regulated substances?	Y
9.3 Does your facility's ER plan include procedures for informing the public and local agencies responding to accidental releases?	Y
9.4 Does your facility's ER plan include information on emergency health care?	Y
9.5 Date of most recent review or update of your facility's ER plan	08/01/2014
9.6 Date of most recent ER training for your facility's employees	03/11/2016
9.7 Local agency with which your facility's ER plan or response activities are coordinated	
9.7.a. Name of agency	Reeves County LEPC, Pecos, Texas
9.7.b. Phone number	(432) 448-1531
9.8 Subject to	
9.8.a. OSHA Regulations at 29 CFR 1910.38	Y
9.8.b. OSHA Regulations at 29 CFR 1910.120	
9.8.c. Clean Water Act Regulations at 40 CFR 112	
9.8.d. RCRA Regulations at 40 CFR 264, 265, 279.52	
9.8.e. OPA-90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, 30 CFR 254	
9.8.f. State EPCRA Rules of Laws	
9.8.g. Other	

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Executive Summary

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Executive Summary

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Executive Summary

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Executive Summary

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Executive Summary

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